PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

10/617338 10/617338 07/10/03

			NEW AP	PLICATION T	RANSMITT	AL Under 37	CFR § 1.53(b)		
Transn	nitte	d herew	ith for filing i	s the patent a	pplication of				
Invento	or(s)	:			Gerard G. G	eiger			
WARNII	NG:	'(a) A pat	The inventors prescribed by prescribed by inventorship s	or in the name or hip of a nonprov. § 1.63, except § 1.63 is not filed to forth in the acompanied by the	isional application as provided for I during the pen application pape	on is that inven in § 1.53(d)(4) dency of a nonp rs filed pursual	torship set forth in and § 1.63(c). If provisional applicat nt to § 1. 53(b), u	the oath or declaration an oath or declaration ion, the inventorship is nless a petition under ging the name or name	on as s that r this
For (titl	le):			STUD WELD	ABLE MOUI	NT AND ME	THOD		
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1.		is new a] Or De	pplication application is iginal (nonpresign ant				263 PATENT TRADE	-	
NOTE:	WH	IERE BEN	IEFIT OF A PR		CATION CLAIME			PLICATION TRANSMI NT APPLICATION OF	
1	[] [] []	j Co	visional. ontinuation. ontinuation-ir	n-part (C-I-P).					
2.	Be [X] Th Er	ne new appl nclosed are A		transmitted SFORNEW	claims the APPLICATIO	benefit of prid	or U.S. application	
				CERTIFIC	ATION UNDER	37 C.F.R. 1.10	*		
United S Number	tates <u>EV</u>	Postal Se	ervice on this da 39 US _, addre	ate 10 July 200)3 , in an envel	ope as 'Express	s Mail Post Office t	re being deposited wit o Addressee' mailing l for Patents, PO Box 1	Label
					Juli (type or p	e A. Wolf	son mailing paper)		
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	A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 Design) Application										
	B. Other documents enclosed:										
4.	Additional papers enclosed										
	 Preliminary Amendment Information Disclosure Statement (37 C.F.R. 1.98) Form PTO-1449 (PTO/SB/08A and 08B) Citations Declaration of Biological Deposit Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence. Authorization of Attorney(s) to Accept and Follow Instructions from Representative Special Comments Other 										
5.	Declaration or oath										
	 [] Enclosed [] newly executed [] copy from parent application identified above Executed by (check all applicable boxes) [] inventor(s). [] legal representative of inventor(s). 										
	joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached. [] This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See Item 13 below for fee.										
	[X] Not Enclosed. [X] Application is made by a person authorized under 37 C.F.R. 1.41(c) on behalf of all the above named inventor(s). (The declaration or oath, along with the surcharge required by 37 CFR 1.16(e) can be filed subsequently).										
6.	Inventorship Statement The inventorship for all the claims in this application are: [X] The same. [] Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made [] is submitted. [] will be submitted.										

3.

Papers Enclosed

7.	Language [X] English										
		Non-Eng		hed transla	ation includes	a stateme	nt that the transla	ation is accurate. 37			
			C.F.R. 1.5	52(d).							
8.	Assign		nment of	the Invent	ion to <u>Heller</u>	mannTvto	n Corporation				
	[7]	[] i	s attache ACCOMP attached. will follow	d. A sepa ANYING N	rate [] COVI	R SHEET APPLICA	FOR ASSIGNM FION or [] FOR	ENT (DOCUMENT) M PTO 1595 is also			
9.	CERT	IFIED COP	γ								
	Certifie	ed copy(ies	s) of appli	ication(s)							
	Country				Appln. No.		 	Filed			
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	from w	hich priori	ty is claim	ned				•			
	[]	is (are) a will follov									
NOTE:	The fore and 1.63		on forming th	he basis for th	e clam for priority n	nust be referr	ed to in the oath or de	claration. 37 CFR 1.55(a)			
	•			J							
10.	Fee Ca	alculation	(37 C.F.I	R. 1.16)	-						
	Α	[X]	Regular a	pplication							
	 			(CLAIMS AS FIL	.ED					
				Number Filed	Number Included in Basic Fee	Number Extra	Rate	Basic Fee 37 CFR 1.16(a) \$750.00			
Total (Claims 37	CFR 1.16(c)		23	-20 =	3	x \$ 18.00	\$54			
Indepe	Independent Claims (37 CFR 1.16(b)			5	-3 =	2	x \$ 84.00	\$168			
	le Depend .16(d))	ent claim(s) i	f any (37	0			\$280.00	\$0			
FILIN	IG FEE	CALCULA	TION			·		\$972			
		 [] /	Amendme	ent cancell	ing extra claim	s enclosed	I.				
		[] :/	Amendme	ent deleting	g multiple-depe is not being pa	ndencies	enclosed.				

Filing Fee Calculation

	B.	[]	Design application (\$330.00 - 37 CFR 1.16(f)) Filing Fee Calculation	·
	Ĉ.	[]	Plant application (\$520.00 - 37 CFR 1.16(g)) Filing Fee Calculation	
11.	Sma!		Statement oplicant is a Small Entity as defined by 37 CFR 1	9 and 1.27 and is entitled to small.
		entity:	•	
	,	-		
12.	Fee F	Not Er	Being Made at This Time nclosed	
		[X]	No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. 1	1. 16(e) can be paid subsequently.)
	[]	Enclos	sed Filing fee	
		įį	Recording assignment (\$40.00; 37 C.F.R. 1.21(h))	
		[]	Petition fee for filing by other than all the inventors or person on behalf of the inventor	
			where inventor refused to sign or cannot be	
		. ,	reached (\$130.00; 37 C.F.R. 1.47 and 1.17(i)	
		[]	For processing an application with a specification in a non-English language	
		[]	(\$130.00; 37 C.F.R. 1.52(d) and 1.17(k) Processing and retention fee	
		[]	(\$130.00; 37 C.F.R. 1.53(d) and 1.21(l)) Fee for international-type search report (\$40.00; 37 C.F.R. 1.21(e))	i
			Total fees enclosed	\$0.00
	- *	٠		
13.	Meth		yment of Fees in the amount of \$	
,	[·]	Charg A dupi	in the amount of \$in the amount oficate of this transmittal is attached.	
			· · · · ·	
14.	Auth	The Co	to Charge Additional Fees ommissioner is hereby authorized to charge the fol	
		and di	uring the entire pendency of this application to Acc 37 C.F.R. 1.16(a), (f) or (g) (filing fees)	
		[]	37 C.F.R. 1.16(b), (c) and (d) (presentation of e 37 C.F.R. 1.16(e) (surcharge for filing the basic fil	
	1	[]	later than the filing date of the application) 37 C.F.R. §§ 1.17(a)(I-5) (extension fees pursua	ant to § 1.136(a)).
		[] []	37 C.F.R. 1.17 (application processing fees) 37 C.F.R. 1.18 (issue fee at or before mailing of the state of t	
			C.F.R. 1.311(b))	•

15.	[] C	redit Account No.	<u> </u>					
	[] . K	efund	anold Chésen					
Reg. N	o. 16,879		SIGNATURE OF PRACTITIONER Arnold J. Ericsen (type or print name of attorney)					
Tel. No	o.: (262) 783	3 - 1300	RYAN KROMHOLZ & MANION, S.C.					
Custón	ner No.: 26	308	(P.O. Address) Post Office Box 26618					
			MILWAUKEE, WISCONSIN 53226-0618					
[X]	Staten	nent Where Additional Page	s are Added					
	[X]	Plus Added Page for I Application(s) Claimed	New Application Transmittal Where Benefit of Prior U.S					
[]	· (if no fo	nent Where No Further Page urther pages form a part of thi the following item)	es Added is Transmittal, then end this Transmittal with this page and					
	[]	This transmittal ends wit	th this page.					

ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

NOTE: "In order for an application to claim the benefit of a prior filed copending national application, the prior application must name as an inventor at least one inventor named in the later filed application and disclose the named inventor's invention claimed in at least one claim of the later filed application in the manner provided by the first paragraph of 35 U.S.C. 112." 37 CFR 1.78(a).

NOTE: "IN ADDITION THE PRIOR APPLICATION MUST BE (1) COMPLETE AS SET FORTH IN S 1.51, OR (2) ENTITLED TO A FILING DATE AS SET FORTH IN S 1.53(B) AND INCLUDE THE BASIC FILING FEE SET FORTH IN S 1.16; OR (3) ENTITLED TO A FILING DATE AS SET FORTH IN S 1.53(B) AND HAVE PAID THEREIN THE PROCESSING AND RETENTION FEE SET FORTH IN S 1.21(L) WITHIN THE TIME PERIOD SET FORTH IN S 1.53(D)."37 CFR 1.78(A).

16. Relate Back-35 U.S.C. 120

NOTE: "ANY APPLICATION CLAIMING THE BENEFIT OF A PRIOR FILED COPENDING NATIONAL OR INTERNATIONAL APPLICATION MUST CONTAIN OR BE AMENDED TO CONTAIN IN THE FIRST SENTENCE OF THE SPECIFICATION FOLLOWING THE TITLE A REFERENCE TO SUCH PRIOR APPLICATION IDENTIFYING IT BY SERIAL NUMBER AND FILING DATE OR INTERNATIONAL APPLICATION NUMBER AND INTERNATIONAL FILING DATE AND INDICATING THE RELATIONSHIP OF THE APPLICATIONS." 37 CFR 1.78(A). SEE ALSO THE NOTICE OF APRIL 28, 1987 (1079 O.G. 32 TO 46).

[X] The specification includes the following recitation:

Related Application:

This application claims the benefit of Provisional Patent Application Serial No. 60/395,243, filed 11 July 2002, which claims the benefit of Provisional Patent Application Serial No. 60/382,436, filed 22 May 2002.

NOTE: THE PROPER REFERENCE TO A PRIOR FILED PCT APPLICATION WHICH ENTERED THE U.S. NATIONAL PHASE IS THE U.S. SERIAL NUMBER AND THE FILING DATE OF THE PCT APPLICATION WHICH DESIGNATED THE U.S.

NOTE: (1) WHERE THE APPLICATION BEING TRANSMITTED ADDS SUBJECT MATTER TO THE INTERNATIONAL APPLICATION THEN THE FILING CAN BE AS A CONTINUATION-IN-PART OR (2) IT IS DESIRED TO DO SO FOR OTHER REASONS, E.G. WHERE NO DECLARATION IS AVAILABLE, NO ENGLISH TRANSLATION IS AVAILABLE OR NO FEE IS TO BE PAID ON FILING THEN THE FILING CAN BE AS A CONTINUATION. IN THESE CASES THE INTERNATIONAL APPLICATION DESIGNATING THE U.S. IS TREATED AS THE PARENT CASE IN THE U.S. AND IS AN ALTERNATIVE TO THE COMPLETION OF THE INTERNATIONAL APPLICATION UNDER 35 U.S. C. 371(C)(4) WHICH MUST MEET THE REQUIREMENTS OF 37 CFR 1.61(A). THIS ALTERNATIVE PERMITS THE COMPLETION OF THE FILING REQUIREMENTS WITHIN ANY TERM SET BY THE PTO UNDER 37 CFR 1.53(D) TO WHICH THE EXTENSION PROVISIONS OF 37 CFR 1.136(A) APPLY. (WHEREAS, IF THE FILING IS AS AN INTERNATIONAL APPLICATION ENTERING THE U.S. STAGE THEN THE FEE, DECLARATION AND/OR ENGLISH TRANSLATION (WHERE NECESSARY) IS DUE WITHIN 20 MONTHS OF THE PRIORITY DATE BUT CAN BE PAID WITHIN 22 MONTHS OF THE PRIORITY DATE (OR IS DUE WITHIN 30 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN BE SUBMITTED WITHIN 32 MONTHS OF THE PRIORITY DATE BUT CAN

NOTE: THE DEADLINE FOR ENTERING THE NATIONAL PHASE IN THE U.S. FOR AN INTERNATIONAL APPLICATION WAS CLARIFIED IN THE NOTICE OF APRIL 28, 1987 (1079 O.G. 32 TO 46) AS FOLLOWS:

"The Patent and Trademark Office considers the International application to be pending until the 22nd month from the priority date if the United States has been designated and no Demand for International Preliminary Examination has been filed prior to the expiration of the 19th month from the priority date and until the 32nd month from the priority date if a Demand for International Preliminary Examination which elected the United States of America has been filed prior to the expiration of the 19th month from the priority date, provided that a copy of the international application has been communicated to the Patent and Trademark Office within the 20 or 30 month period respectively. If a copy of the international application has not been communicated to the Patent and Trademark Office within the 20 or 30 month period respectively, the international application becomes abandoned as to the United States 20 or 30 months from the priority date respectively. These periods have been placed in the rules as paragraph

17. Relate Back-35 U.S.C. 119 Priority Claim for Prior Application

					tion(s), includi m 17, in turn it					gnating the U.S., vs:
	countr	у			appl.	. no.	file	ed on		_ ;
	The ce	be	en fi		s) has (have) ed	in prior	applicatio	on	which	was filed on
WARNIN	Bui app is p dis the the fold cor	reau plicat place pose pros fold ders, ntinu	may intion. The din a led of if secution make ing app	not be re his is so t folder an the nation on of a co ad transfe suitable plication a	lied on without an because the certified is not assigned a nal stage is not ent ntinuing application r them to the continectord notations, to	y need to file a ed copy of the p a U.S. Serial Nu- lered. Therefore n. An alternative inuing application ransfer the cert cordingly, the pri	a Certified C riority applic Imber unless such certifi e would be t on. The reso ified copies, iority docum	Copy of the prestion commures the national fed copies may to physically recourses required, enter and may	iority applica nicated by the stage is ente y not be avail emove the pri ed to request ake a record	O by the International tion in the continuing anternational Bureau red. Such folders are able if needed later in iority documents from transfer, retrieve the of such copies in the nal applications which
18.	Maint	ena	nce	of Cop	endency of P	rior Applic	ation			
NOTE:	The PTO finds it useful if a copy of the petition filed in the prior application extending the term for response is filed with the papers constituting the filing of the continuation application.									
	A. [] Extension of time in prior application									
				[]	A petition, for application up	- 421	•		term in the	he pending prior
				[]	A copy of the	e petition file	ed in prio	r applicatio	 on is attach	ned
	В.	E]	Cond []	prior applica	l petition for tion.	extensio	n of time is	s being file	ation d in the pending
19.	Furthe	er lı	nven	torshir	Statement W	Vhere Bene	fit of Pri	or Applica	ition(s) Cl	aimed
	Further Inventorship Statement Where Benefit of Prior Application(s) Claimed									
NOTE:	If the continuation, continuation-in-part, or divisional application is filed by less than all the inventors named in the prior application a statement must accompany the application when filed requesting deletion of the names of the person or persons who are not inventors of the invention being claimed in the continuation, continuation-in-part, or divisional application. 37 CFR 1.62(a)									
NOTE:	In the case of a continuation-in-part application which adds and claims additional disclosure by amendment, an oath or declaration as required by § 1.63 must be filed. In those situations where a new oath or declaration is required due to additional subject matter being claimed, additional inventors may be named in the continuing application. In a continuation or divisional application which discloses and claims only subject matter disclosed in a prior application, no additional oath or declaration is required and the application must name as inventors the same or less than all the inventors in the prior application. 37 cfr 1.60(c). (Dealing with the continuation situation).									

	(a) .	i J	application discloses and claims only subject matter disclosed in the photoapplication whose particulars are set out above and the inventor(s) in this application are [] the same. [] the following inventor(s) have been deleted:
			[] the following inventor(s) have been added:
	(b)	[X] [This application discloses and claims additional disclosure and a new declaration or oath is being filed. With respect to the prior application the inventor(s) in this application are [X] the same.
			[] the following inventor(s) have been deleted:
			[] the following inventor(s) have been added:
	(c)	The in [X]	ventorship for all the claims in this application are the same not the same, and an explanation, including the ownership of the various claims at the time the last claimed invention was made [] is submitted. [] will be submitted.
20.	Aband	Please when t	at of Prior Application (if applicable) a abandon the prior application at a time while the prior application is pending or the petition for extension of time or to revive in that application is granted and this application is granted a filing date so as to make this application copending aid prior application.
NOTE:	CONTIN OF TIME APPLICA	UATION-I E OR A P ATION CO	THE NOTICE OF MAY 13, 1983 (103, TMOG 6-7) THE FILING OF A CONTINUATION OR IN-PART APPLICATION IS A PROPER RESPONSE WITH RESPECT TO A PETITION FOR EXTENSION PETITION TO REVIVE AND SHOULD INCLUDE THE EXPRESS ABANDONMENT OF THE PRIOR INDITIONED UPON THE GRANTING OF THE PETITION AND THE GRANTING OF A FILING DATE TO GRAPPLICATION.